

# The Milwaukee Radio Amateurs' Club, Inc.

*The World's Oldest Continuously Active Radio Amateur Club*

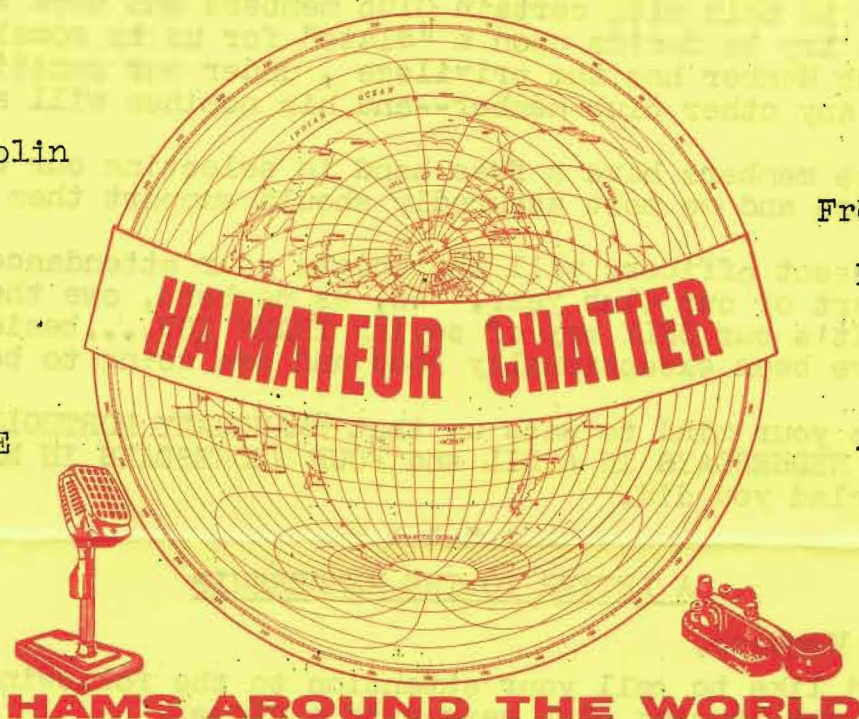
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W9QYW  
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W9DYG  
DX Editor

12TH ISSUE

A P R I L  
1959



PUBLISHED PERIODICALLY BY MRAC IN THE INTEREST OF OUR MEMBERSHIP AND  
AMATEUR RADIO

\*\*\*\*\*  
Address all correspondence relative to this bulletin to Fred H.  
Zolin, W9ONY, 2443 N. Cramer Street, Milwaukee 11, Wisconsin  
\*\*\*\*\*

## E D I T O R I A L

### THE ANNUAL ELECTION OF OFFICERS AND DIRECTORS

All by itself the above simple sentence is a mere statement of fact...or something that is about to happen...and how does the matter concern YOU or ME, as a member of M.R.A.C.?

All too frequently an amateur will ask the question, "Who?-- Me," and that's exactly what we'd like to bring to your attention, perhaps in a little different light.

Each person who affiliates himself, or herself, with MRAC does so with different reasoning motivating the action, and that's what this editorial would like to have the membership understand and appreciate.

An organization, such as ours exists and lives entirely from the whole effort of our membership - your officers are always of your own choosing - your interest in what the Club is doing or planning to do is NOT any ONE PERSONS decision, but rather the planning of a committee.

Your Club will appreciate your interest, your Officers recognize your interest - why not allow your interests to become known?



# Editorial Cont'd.

Shortly a nominating committee will be appointed, it is their job and duty to talk with certain Club members who have shown interest and try to decide upon a "Slate" for us to consider.

Any Club Member has the privilege, under our constitution, to nominate any other club member--and his nominee will appear on the ballot.

Thus, we members have a free hand in selecting our Officers for the future and we most assuredly should support them AFTER we elect them.

Our present officers will appreciate your attendance at this important part of our Club year. We, as members, owe them that courtesy. It's our ONLY way of saying THANK YOU....besides the meetings have been exceptionally good and are going to be even better.

Make up your mind to pass up that "MAHOGANY PORTHOLE" for the FIRST THREE WEDNESDAYS IN APRIL and FOUR WEDNESDAYS IN MAY---you'll be awfully glad you did.

\* \* \* \* \*

## A LETTER TO THE MEMBERSHIP

Dear Fellow Members,

I would like to call your attention to the following events which bring our present club season to a close.

- May 6 Nominating committee report
- May 13 Nominations from the floor
- May 20 Annual meeting and election
- May 27 Installation of officers

This year at the annual meeting we will have a few questions on which we hope the membership will voice its opinion.

1. How many meetings a month?
2. Where shall the future meetings be held?
3. What night?

We are in the process of investigating a new meeting place for next year so we can get back to Thursday night.

Your officers are well aware of the fact that no place will be 100% satisfactory to all concerned. Remember the comments regarding the Public Library, M.S.O.E. Building, Lutheran Center and now the E.S.M. Building.

Do you have a place in mind that we could examine?

73,

Doug Pavak, W9FDX,  
President, M.R.A.C.

\* \* \* \* \*

## HAMATEUR CHATTER A WINNER

Our bulletin was quoted most often in the January CQ News and your editor was given a one year subscription of CQ as a prize for the consideration.

\* \* \* \* \*

JUNK: Something you keep for ten years and then throw away two weeks before you need it.

A PLAIN STATEMENT OF FACTS ON THE IMPORANT ISSUES AFFECTING AMATEURS

In January, a year ago (1958), the Amateur Section of FCC--and the ARRL were petitioned to set aside 250 Kcs, as Sub-Allocation, in the TWO and SIX METER BANDS.

The above petitions received good publicity in the 1958 February, March and April editions of QST.

The FCC acknowledged the receipt of the petitions.

All licensed amateurs were requested to express themselves with regard to the situation. Clubs were contacted, Official Bulletins were sent over WIAW, directors contacted clubs, both VHF and the regular mixed clubs, all in the interst of securing the opinion of amateurs and amateur clubs.

Based on these collective opinions, from the Central Division, I was authorized to cast the Central Division vote for 100 Kcs at the low end of Two and Six Meters--to be sub-allocated for CW EXCLUSIVE and thats where the Central Division stands today.

In April of 1958, the ARRL and FCC were jointly petitioned to permit TECHNICIAN LICENSE HOLDERS to operate in the TWO METER BAND.

At first presentation to the Board of ARRL, the proposal was voted in the negative, based on the supposition that such a proposal if acted upon FAVORABLY, would weaken the licensing structure and cause further requests that would follow and could or might point out the precedence established of merely ASKING for increased Operating Privileges.

The Board further decided to ask for time to consider and discuss the proposition in the field.

That has happened. Over the past six months, my Vice-Director (Phil Haller, W9HPG of Chicago) and I, as well as our assistant directors have been in contact with clubs and amateur groups all over the Central Division. We have monitored both the SIX and TWO METER BANDS, and have now made our recommendation--so far as concerns our Division. HERE IT IS--The Central Division FAVORS the petition to allow holders of Technician Class License to operate in the TWO METER BAND.

THREE YEARS AGO, the ARRL petitioned the FCC to extend the FONE Segment of the 20 Meter Band from 14.300 to 14.350. After discussion it was amended to read, TO THE HOLDERS OF ADVANCED AND EXTRA CLASS LICENSE.

ONE YEAR ago, it was re-amended to read, TO THE HOLDERS OF GENERAL, ADVANCED AND EXTRA CLASS LICENSE.

Hearings were held, ample time given to protest or support the petition as re-amended, now the FCC proposes to change the regulations after May of 1959. So here now, we have a situation that has been THREE YEARS in the making and ample opportunity for expression one way or another--yet this subject has become heavily discussed on the bands as a NEW and STARTLING development. Shouldn't we all be a bit more alert?

Club discussions on controversial subjects, ALWAYS produce a better understanding and if agreement or disagreement results, your own opinion will always be appreciated.

73,

JACK DOYLE, W9GPI

Director, ARRL Central Division

THE LIGHT BULB AS A DUMMY LOAD  
(from Short Skip R.C.)

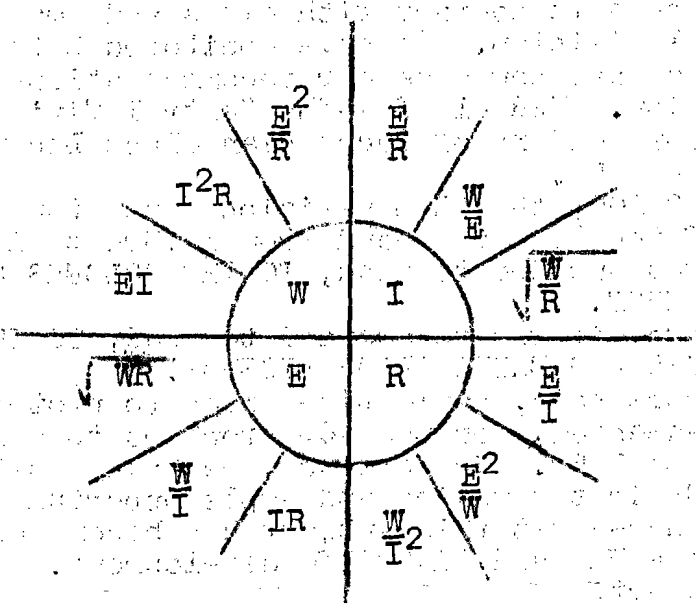
During many on-the-air discussions in which many hams seemed to believe that their being able to light a 60 watt light bulb to full brilliance when using it as a dummy lead, meant that they were putting 60 watts r.f. into their antenna, when they hooked the rig to it, we reprint this excerpt from a past issue of GE Ham News:

Anything which will absorb power and not act as an efficient R.F. Radiator may serve as a dummy lead. As we know, an electric light bulb can be used. As a matter of fact, it is possible to use a tub of salty water as a dummy lead. In actual practice most amateurs use either a light bulb or non-inductive resister.

Electric light bulbs have one big advantage, and that is their resistance varies with the amount of current passing through them. If the resistance of a dummy lead is not known accurately, then it is impossible to make any accurate output measurement. However, in the case of the light bulb, most amateurs judge output by the amount of brilliance in the lamp. Unfortunately this can be most misleading, because a large change in the amount of power dissipated may be indicated by an imperceptible change in brilliance.

\*\*\*\*\*

OHM'S LAW AT A GLANCE



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OFFICIAL BULLETIN NR. 692 FROM ARRL

The FCC has acted on the League's request for expansion of the 20 meter phone band and proposes to add 50 Kc for phone at the top end of the band so that the voice segment would be 14,200 to 14,350 Kc. Comment may be filed with FCC up to May 1st. Details in April QST.

\*\*\*\*\*

"It takes about 1,500 nuts to hold a car together but only one to scatter it all over the landscape."



# CENTRAL RADIO PARTS COMPANY

1723 W. FOND DU LAC AVE. WEST 3-2982 MILWAUKEE 5, WISCONSIN

## COLLINS EQUIPMENT:

TRANSMITTER, KWS-1 NEW IN SEALED CRATE .....	\$ 1690.00
SPEAKER MODEL 270G-3 REG. \$30.00 .....	19.95
SPEAKER MODEL KWM-1-312B Reg. 25.00 .....	19.95
RECEIVER 75-A3 USED .....	398.00

## CENTRAL ELECTRONICS:

10 A EXCITER WIRED/TESTED NEW .....	130.50
10 B EXCITER WIRED/TESTED NEW .....	139.50
20 A EXCITER KIT NEW .....	189.50
MODEL B SLICER WIRED/TESTED NEW .....	76.50
MODEL B SLICER KIT NEW .....	54.50

## LAKE SHORE:

PHASEMASTER JR. WIRED/TESTED NEW .....	64.50
MODEL C JR. KIT NEW .....	124.50
MODEL 210 SPLITTER W/T NEW .....	62.50
MODEL 210 SPLITTER KIT NEW .....	55.50

NATIONAL NC 300 - 6 METER CONVERTER NEW .....	34.95
LYSCO MODEL 600 TRANSMITTER W/VFO NEW .....	90.00
GONSET 6 METER CONVERTER MODEL 3066 NEW .....	42.50
GONSET 6 METER COMMUNICATOR-2 NEW .....	192.50
GONSET 2 METER COMMUNICATOR-2 NEW .....	189.50
GONSET G-66B RECEIVER ONLY, SLIGHTLY USED .....	150.00
JOHNSON VIKING - 2 ALMOST NEW....USED.....	199.95
JOHNSON RANGER - LESS TUBES....NEW...KIT.....	144.00
ELDICO TR-1-TV....DISPLAY MODEL.....	199.95
RME 4350A RECEIVER....LIKE NEW.....	175.00
NATIONAL HRO-50 T RECEIVER....USED.....	199.95
HALLICRAFTERS HT-31 LIN. AMPL....USED.....	275.00
ELMAC MOBIL RECEIVER 12 V. PMR 6A W/POWER SUPPLY, USED...	102.00
PE-103 DYNAMOTORS....6 AND 12 VOLT....USED.....	22.50
JOHNSON ADVENTURER....USED.....	47.50
HALLICRAFTERS SX-43....USED.....	99.95
HAMMARLUND HQ 110 W/CLOCK....USED.....	189.50
GLOBE TRANSMITTER 680A....USED.....	80.00
GLOBE SCOUT MODEL 65A....USED.....	75.00
HT 17 HALLICRAFTERS TRANSMITTER....USED.....	45.00
HARVEY-WELLS TB8-50 W/VFO & AC POWER SUPPLY....USED.....	95.00

WE HAVE IN STOCK THE CRYSTALS AND COMPONENTS FOR THE CITIZEN'S RADIO BAND, ALSO ANTENNAS FOR MOBILE OR HOME USE.

W9SYT - WENDELL

\*\*\*\*\*

W9NHG - HAROLD

ANNUAL REPORT OF FCC FOR FISCAL 1958  
(from ARRL Affiliated Club Bulletin)

The FCC reported 185,000 amateurs authorizations for stations and operators of different grades. This is twice the number of just eight years ago. FCC personnel numbered a few more than in '57 comprising 1238 persons. The Field Engineering and Monitoring Bureau is staffed by 115 people. FCC has eighteen monitoring stations and a control center. Continuous spectrum surveillance around the clock is possible. Besides the 18 monitoring stations, FCC's engineering field force functions through 24 districts, five sub-offices, two marine offices, etc., and was assisted by 47 mobile units. Exclusive of its work in the TV field, the field staff uncovered some 54 unlicensed radio operations. About 23,000 complaints of interference were received, of which 80% concerned TV. This was a decrease from the previous year, due the report says, in large part, to the local remedial assistance by 520 TV interference committees. FCC reported that international frequency usage will be reviewed at a Geneva Conference in 1959..the first comprehensive review since 1947.

\* \* \* \* \*

DON'T TAKE CHANCES ON THIRD PARTY TRAFFIC

It may be hard to turn down requests for third party traffic during foreign QSOs, but Article 42 of the International Tele-Communications Convention plainly states: "It is absolutely forbidden for amateur stations to be used for transmitting international communications on behalf of third parties".

There is indeed a provision in the Article for modifying this "by special arrangements between the countries concerned" but it must be recorded that there are only nine countries where special third-party agreements between them and the U.S.A. exists: Canada, Chile, Peru, Ecuador, Liberia, Cuba, Panama, Costa Rica and Nicaragua.

There have been some license suspensions for violations of the above. LET'S KEEP HAM RADIO CLEAN. (See March 1959 QST, P. 81)

\* \* \* \* \*

MILWAUKEE HOST TO 9TH MID-WEST "YL" CONVENTION

Mary Meyer, W9RUJ, Chairman of the 9th Mid-West YL Convention has announced that this meeting will be held at the Polly Valley Motel, 12700 W. Blue Mound Road (on Highway 16, 18, 30) in Milwaukee on May 22-24. Arrangements are made for an interesting tour and YL luncheon. A banquet will be held and OMs are welcome. The mid-west area consists of Michigan, Indiana, Illinois, Minnesota and Ohio and Wisconsin. Mary is asking that registrations be sent in as soon as possible, the deadline being May 10th.

\* \* \* \* \*

QSL CARDS LOOKING FOR OWNER

Jim Ruth, K9CJL, reports having the following cards:

W9IJG KN9LQJ K9MWO KN9QHW KN9PVY KN9LMQ  
K9LQK W9VZR KN9MKP

Anyone knowing these hams, contact Jim at any of the club's meetings.

W9EZIP - ART BROWN WRITES

\*\*\*\*\*I received my membership card and roster for 1959. Please accept my hearty compliments on the writing and production job the boys of MRAC are doing on "Hamateur Chatter". Am always glad to hear about activities of the Milwaukee gang. Was sorry to learn about Emil, W9RH - hope he is doing better\*\*\*\*\*I did not know or ever get to meet "Red" Rollins but did read about him in QST. Its a shame that ham radio or any other segment of our national life must lose such high calibre people. About my own activities, am on 7025 at present but have run into antenna space problems which cuts down my contacts. Occasionally I get a contact or two from Milw - last one was Vern Fabishak, W9HDE.

(Art's QTH is 701 E. Maple Avenue, LaGrange, Illinois)

\* \* \* \* \*

CODE CLASS SHORT BUT SWEET

MRAC code class picked up momentum lately as has been seen by quite a number of new faces. Its too bad more time could not be utilized as the one-hour period 7:00 to 8:00 P.M. is the best allotment possible before the meetings start. The boys who pitched in for the teaching are: Geo. Brock, K9GMM, Fred Borchardt, W9DYG, Ron Gorski, Ken Reger, KN9LCD, Jim Buth, K9CJK, Ink Bowen, W9QYW, and Doug Pvek, W9FDX.

\* \* \* \* \*

HAM TV STATION GIVEN FIRST DEMONSTRATION

(from Broadcasting)

What apparently is the first real demonstration of a "package" amateur television station in action was held in Denver, February 13th, according to Gene O'Fallen & Sons, Denver distributors for the Electron Corp., Division of Ling Electronics, Inc., manufacturers of the package ham TV equipment.

Gene O'Fallen, Sr., head of the Denver distributing firm and former owner of KTVR (TV), Denver, said Denver ham operators were the first to see the package TV system outside the factory at Dallas. The Ling equipment includes the Ling-Mitter ham TV transmitter and Ling Spectator camera. Hams use UHF convertors on regular TV sets to receive TV signals. Mr. O'Fallen said factory tests indicate excellent picture reception up to eighteen miles.

FCC spokesman said last week that amateurs have been telecasting for ten years but so far as they knew no one up to now has produced a package TV station for ham use. Of the four bands in the spectrum assigned to amateurs, only 520-450 mc is used for TV in addition to voice, code and facsimile transmissions. Voice, code and facsimile also are transmitted on ham bands, 220-225, 144-148 and 50-54 mc. Audio for ham TV usually is transmitted to one of the non-TV bands.

"Imagine SEEING Doyle (W9GPI) as well as hearing him -

When are you getting started, Jack?"

\* \* \* \* \*

M.R.A.C. APOLOGIZES

We are sorry for "ERRORS AND OMISSIONS" in the 1959 Roster and hope those affected will bear with us, we "Goofed". It sure was unintentional.

A & F ELECTROMART  
1616 S. 81st Street  
Milwaukee 14, Wisconsin

Phone: GLenview  
3-0980

BRAND NEW NATIONAL NC-300 RECEIVERS.....

SAVE \$100.00

PRICE: \$299.00 - - For Limited Time Only!

COMPLETE TRI-BAND ANTENNA SYSTEM - - SPRING SPECIAL -\$169.95

Includes the following:

45' heavy duty tower (no guys required)  
1KW Tri-Band Beam  
Rotor and mounting plate  
Rotor cable  
Coax cable (RG8U) & connectors  
1½ inch mast & bearing  
Use of Gin-Pole at no charge

USED EQUIPMENT SPECIALS

Central 10A with coils and VFO	79.00
Central 10B with coils for 75-20 & VFO	149.00
DX-20	29.95
DX-100	159.00
Viking Ranger	169.00
HQ-140 X	150.00
NC-109 Almost New	149.00
NC-98 Perfect	109.00
SX-101 Mark III Demo	320.00
Viking Challenger Perfect	100.00
 SPECIAL - New Eimac 4-250A Tubes	 22.50

STORE HOURS

9:00 A.M. to 6:00 P.M. Daily  
Thursday Until 9:00 P.M.  
Saturdays Until 3:00 P.M.

For Further Information, Call GL 3-0980  
Ask For Fritz, W9GRF or Paul, K9AET



# WIND-UP ACTIVITIES

- April 15th - Transister Night - Gadgets and Movie
- May 6th - Nominating committee reports their choice, also AUCTION Night. Auctioneers: Baird, Eggert and Pavek.
- May 13th - Nominations from the floor - Madison Night. Four Lakes Amateur Radio Club will be our guests.
- May 20th - Annual Meeting - Election of Officers - Discussions
- May 27th - Installation of Officers - Committee Reports, etc.

## DON'T FORGET - FOUR MEETINGS IN MAY

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### AMATEUR EXAMINATIONS

Examinations will be given in the Federal Building, Room 572:  
 AMATEUR EXAMS \* Wednesday, April 15th  
 COMMERCIAL - Tuesday, April 14th

\* \* \* \* \*

### MRAC - DX AND ARRL ACTIVITIES NEWS

#### "WATCH FOR"

COCOS IDS - VE3MR and T12HP Opring from there for a week beginning about April 18th. Calls to be used: T19SB for SSB and T19CW for CW. Gear includes 2 KWM1's and tri band hy gain beams.

NIUE - ZL3DX opring as ZK2AC - May 27th to May 30th. ZK1BS assisting

BRITISH SAMOA - ZL3DX opring as ZM6AC - May 15th to May 18th.

TONGA (Friendly) IDS - ZL3DX opring as VR5AC May 19th to May 26th.

NOTE: All 3 ZL3DX above DX'peditions probably be SSB operation on high end of 20 meters. Opr Wynn answers all modes equally, so hope we all hook him. Donations and QSL's go to K4LNM with usual S.A.S.E.

REVILLA GIGEDO (SOCORRO IDS) - Watch for XE4 call. Group of XE stns. No dates, frequency, etch announced.

#### "ON THE AIR"

Another DX contest has come and gone...the ARRL's 25th. All I can say is "Zowie", what hot conditions and scores like never before. The bands were good in February, but March found conditions like never before, with 10 through 80 hotter than "Hades". W9GIL, QYW, and RKP led the locals in that order, but all of us that got into the pile ups, did our share and enjoyed DX'ing as never before! For those still needing Zone 23, W9YZG reports working JT1AB on 14.062 Kc/s. Watch for him between 7:00 and 9:00 A.M. C.S.T. As expected the KS4BB DX'pedition to Serrana Banks, did a bang up job, with most of the MRAC gang hooking 'em on first day of operating. QSL to W4KVX for CW QSO's and to W9JUV, if you worked em on AM or SSB. A few late QTH's: I1EZZ/M1 QSL to I1EZZ or A.R.I. SA3TQ Box 325, Tripoli Libya, and OY8RJ QSL's go to Box 184, Thorshavn, Faeroes Ids., and CR9AH cards now go to WIDWH with a S.A.S.E.

"Congs" are in order to the following: W9OMZ and W9GIL DXCC phone only (MRAC's 5th and 6th); K9ENB, W9LJU and W9YZG, DXCC F/CW (MRAC's 19th through 21st) and W9RKP and W9DYG for WAZ (MRAC's 5th and 6th).

Here's what the gang "done" in DX during February and March:

K9CJK - Jim continues "hot" on both modes by miking with XZ2SY, HZ1AB, VQ5EK and SV0WD and keying with VR2DA, F9QV/FC to reach 165/135 level.

K9CAN - Dick back in there pitching again and reports CW QSO's with W9OM, KS4BB, YJ1DL and KC6KC for a 224/180 score.

W9YZG - QSL's from HA5 FF8 and FK1 made Gary DXCC and his YL gave him time to CW UF6KAF, UG6AG, FO8AC, KS4BB, XZ2TH, JZ0HA, YJ1DL and ZK2AD. He stands at 143/100.

W9KQD - Don is another guy back in the pile ups, as his latest QSO's with YJ1DL, KC6JC, KS4BB, ZC4IP, U05AA, UG6AG, CT2AB and ZD7SA put him near the 150 WGD mark.

W9DYG - Fred reports working F8TM and VP7BT on 80 meters and KS4BB HK0AI and CR9AH for a 225/217 total.

W9PQA - Though QRL, Loren finds time to yell at 9M2GA, CE0ZC, ZK2AB and FQ8AW for 175/155 fone total and keyed with HZ1HZ, FO8AC, F9QV/FC and JZ0HA for 215/185 F/CW.

W9LVR - Russ continues hitting all bands hard by keying with KS4BB ZD7SA, 3V8AC, PJ2ME, 5A3TQ, FK8AS and HI8BE for 199/170 total.

W9QYW - Ink reaches 214/180 by foning with VP2GS and VPlee and pounding brass with FU8AE, HZ1AB, CT3AB, ZK2AD, KS4BB and VS1JW.

W9UNJ - Pat's new Drake 1A helped him grab 15 new ones including VK9AD, FO8AC, VQ2AB, KS4BB, 5A3TQ, VP5FP and UQ2AN on CW and KJ6BV KW6CL and VP6LT on fone to place him at 85/59 level.

### MRAC TRAFFIC NEWS

TFC at all levels has dropped off since the all time high of the holiday season, but the Easter rush should find all the nets very QRL again. K9IQO manages a hi frequency net which meets every Monday at 2000 C.S.T. If interested, call K9IQO. W8SN (Wis Slow Speed Net) now opring six days a week on 3617 Kc/s. Heres your chance to get started in TFC. For further details contact W9SAA Net Mgr. K9DTK, Milwaukee's most reliable outlet on BEN, now using a new home brew 813 final.

### MRAC MEMBERS TFC TOTALS FOR:

<u>JANUARY</u>		<u>FEBRUARY</u>	
W9DYG	562	W9DYG	586
W9SAA	116	W9SAA	208
W9YZG	37	W9YZG	71
K9DTK	27	K9DTK	
W9GIL	5	W9VHP	16
W9RKP	2	K9GDF	2

Let's hear more of you in the nets. All our state nets will more than welcome your attendance. Try originating a message your self or contact any of the above and they will promptly get ur TFC on its way.

The 10th Annual YL/OM Contest was well attended by MRAC members, with W9CHD, W9RKP and W9DYG all piling up good socres for the OM's and W9OMZ showing the way for the local gals.

The usual "Brother Ham" quote: Be very kind to your friends; without them you would be a total stranger. (via WIN NEWS)

# Here's A Man Who Thinks For Himself



Here is Steve, W9EAN, Manager of Amateur Electronic Supply, enjoying a typical nightly QSO on 75 Meter SSB.

## **HALLICRAFTER'S "A" LINE**

*The Thinking Man's Rig At A Reasonable Price*

### **SX-101-A**

New improved SX-101 Mark 111A, setting new standards for dependability.

Complete coverage of bands - 80, 40, 20, 15, 10-11 meters on large slide rule dial

Special 10 MC Pos. for WWV, plus coverage of Major Mars frequencies

Exclusive crystal controlled Upper/Lower SSB selection

Dual scale 5 Meter functions with AVC off

Tee-Notch filter - dual conversion

Dial calibrated for 6 and 2 meters with provisions for crystal controlled converter available soon

R-47 Speaker - \$12.95

**PRESENT PRICE — \$395**

\*(After May 1, 1959 - \$399)

\*Orders received before May 1, will be honored at the old price.

### **HT-32-A**

Now the most popular SSB transmitter with new modifications make the demand for this new transmitter greater than the supply. It is truly an All-Time great.

Ritty and push to talk provisions

Provisions for more efficient phone patching

Pair of 6146's deliver 144 watts input

New handsome plating and Bridge T Modulator

Provides SSB, AM, CW on 80 thru 10 Meters

Gear driven VFO provides ultra high stability

Exclusive 5 Megacycle Quartz Crystal

**PRESENT PRICE — \$675**

\*(After May 1, 1959 - \$695)

### **HT-33-A**

The new HT-33A, believe it or not, has a tendency to run more than just 1 or 2 KWS. The use of a PL-172 makes it possible to put this power house of RF in the same size cabinet as the HT-32A and SX-101 Mark 111A. In insure reliability, 3B28 Rectifiers are used. Pit network is used for maximum harmonic suppression. Built in output RF meter simplifies tune up.

**PRICE — \$795**

### **SR-34**

The SR-34 - Hallicrafters presents the world with the first complete Six and Two Meter Radio station. It features Transistorized built-in Power supply. 6360 final delivers 7.5 watts output. This unit complies with FCDA Specifications for matching funds.

**110 VOLT AC MODEL — \$395**

**110 VOLT AC/12 VOLT DC — \$495**

For top trade-in allowance, 6% financing, and prompt and courteous service . . . SEE . . .

## **AMATEUR ELECTRONIC SUPPLY**

3832 WEST LISBON AVENUE

MILWAUKEE 8, WIS. — PHONE WESt 3-3262

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Mon. thru Fri. 10:00 - 5:30 — Sat. 9:00 - 3:00 — Open Evenings Mon. Thurs. Fri. 7:00 - 9:00

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SEE TERRY, W9DIA

at

## **HARRIS RADIO CORP.**

289 N. MAIN STREET

On Friday Evenings 7 - 9 and

Saturdays 9 - 4





# Win With Hallicrafters



A Hallicrafters S-38E Receiver was won by Clyde Roach of Milwaukee, as a door prize at Amateur Electronic Supply's Christmas party. Over \$500 worth of valuable merchandise was given away at the drawing. Pictured above are members of the Milwaukee Amateur Radio Club, who supervised the drawing. From left to right: Gerald Kraczek, K9HXA, Jack Parker, EX Novice, Don Dregenberg, W9PST, and Steve, W9EAN.

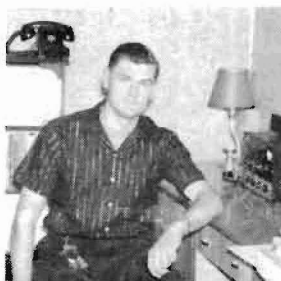
This year's winner of the \$100 merchandise certificate in the local Hallicrafters 55B VHF contest is Carl Rohde, W9ROM, pictured at the right.



The contest entries were judged by three neutral, prominent amateurs, who report that they had a hard time deciding whose slogan was the best, as there were many fine entries.

All entries have been forwarded to Hallicrafters for the National judging.

Let us, this Spring, fill your mobile and antenna needs. A \$25 purchase brings you a FREE COPY of the 1959 Radio Master Catalogue.



Attention Amateurs in Northern Wisconsin and Upper Michigan! We invite you to contact the gentleman pictured at the left for personal service. He is our part-time sales representative, Harold Lund, W8LIM, 532 East Birch, Ironwood, Michigan, Phone 2420J evenings and weekends.

Looking for some GOOD USED EQUIPMENT at REASONABLE PRICES? Below is a partial picture listing of some of the excellent buys available at AMATEUR ELECTRONIC SUPPLY in Milwaukee, Wisconsin. A complete listing is enclosed. . . .

Elmac AF-67 \$119	Eldico TR-75 \$15 As Is	Globe Scout 680 \$64	RME DB-22A Fair \$19	HW TBS50D \$55	SOLD	2m Comm. 6V \$129	6m Comm. III \$205	SOLD
Portable Lamp \$6	SOLD	Early Scout Coils \$25	Eldico Ant Tuner \$8	Freq. Std. As Is \$7	Triplett Sw. Gen. \$55	CE MM-1 \$54	St203A Mob. \$25	ATR 12V \$29
Hallicrafters SX-25 \$69	Hallicrafters S-76 Good - \$94	National NC-57 BC-6M \$55	National NC-125 Good - \$110	National NC-183 A-1 \$164	National NC-300 \$250-\$275			
Elec. Eng. 400W As Is \$50	Hall, SX-101 Mark II \$270	Lakeshore P-400-GG \$135	Collins 75A2 \$295	Collins 32V2 \$265				
B&W 51SB-B SSB Gen. \$170	B&W 5100 Trans. A-1 \$330	B&W 370 Rec. Adap. \$60	Natl. NC Rec. \$110	BC348R Receiver 1500 kc - 18 mc \$45	Johnson KW Matchbox \$75			

RESULTS OF 1958 WISCONSIN STATE QSO PARTY  
SPONSORED BY THE MILWAUKEE RADIO AMATEURS' CLUB

FONE AND CW

W9RQM	- Reno	- Marathon	- 8446
K9ELT	- Phil	- Dane	- 3360
W9PJT	- Mark	- Jefferson	- 1890
K8HBR/9	- Al	- Milwaukee	- 990
*W9LYH	- Fred	- Dane	- 420
W9DND	- Art	- Buffalo	- 96

CW ONLY

W9DYG	- Fred	- Milwaukee	- 1411
W9KQB	- Bud	- Manitowoc	- 1368
W9RKP	- Russ	- Milwaukee	- 1332
K9GDF	- Dick	- Milwaukee	- 744
K9GYG	- Ted	- Waushara	- 476
W9QYW	- Ink	- Milwaukee	- 388
W9FDX	- Doug	- Milwaukee	- 320
K9AEQ	- Paul	- Waushara	- 80
W90MZ	- Jeanne	- Milwaukee	- 56

MOBILE

W9JQE/M - Ralph - Walworth - 396

\* W9SZR Operator

FONE ONLY

K9ALP	- Lou	- Eau Claire	- 6336
K9CAN	- Dick	- Milwaukee	- 5280
W9FMI	- Lloyd	- Dane	- 3968
W9SAA	- Henry	- Washington	- 3828
W9AXS	- Vic	- Columbia	- 3528
W9NRP	- Sid	- Jefferson	- 3416
K9CJK	- Jim	- Milwaukee	- 3075
K9EWH	- Dill	- Dane	- 1978
W9NLJ	- Pete	- Sheboygan	- 1638
K9HXJ	- Phil	- Green Lake	- 1638
W9EZY	- Ted	- Winnebago	- 1000
W9DOS	- Si	- Milwaukee	- 396
W9RZD	- Joe	- Milwaukee	- 224
W9VQG	- Bob	- Milwaukee	- 96
W9GIL	- John	- Milwaukee	- 2

NOVICE

KX9LCD - Ken - Milwaukee - 64

The first place winners in each of the five divisions will receive engraved gold cups. Certificates will be issued to first, second and third place winners in each division.

All awards will be made at the April 8, 1959 regular meeting of the Milwaukee Radio Amateurs' Club at the ESM Building, 3112 West Highland Boulevard. (Meetings begin at 8:00 P.M.)

The engraved gold cups were made possible by the generous donations of the following:

A & F Electro Mart (W9GRF)  
Amateur Electronic Supply (W9EAN)  
Central Radio Parts Co. (W9SYT)  
Harris Radio Corp. (W9DIA)  
Satterfield Electronics, Inc. (W9UTV)

Contest Committee: W9DYG, W9QYW, W9YZG, K9ENB, K9CJK

JIM BUTH, K9CJK  
Contest Chairman

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W9GQO